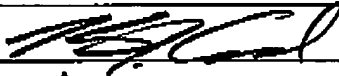
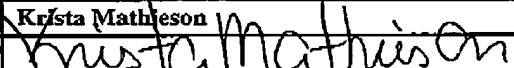


TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	10/670,025
		Filing Date	September 24, 2003
		First Named Inventor	Damion T. Searls
		Art Unit	2826
		Examiner Name	Williams, Alexander O.
Total Number of Pages in This Submission	12	Attorney Docket Number	42P12040D

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Certificate of Transmission via facsimile. </div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kenneth J. Cool, Reg. No. 40,570 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	August 13, 2004

CERTIFICATE OF MAILING/TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Typed or printed name	Krista Matheson
Signature	
Date	Aug 13, 2004

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (w/r) 06/04/2004.
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Docket No.: 42P12040D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

Appl. No. : 10/670,025 Confirmation No. 4529
Inventor : Damion T. Searls
Assignee : Intel Corporation
Filed : September 24, 2003
Art Unit : 2826
Examiner : Williams, Alexander O.
Title : Semiconductor Device With Components Embedded in
Backside Diamond Layer

RECEIVED
CENTRAL FAX CENTER
AUG 13 2004OFFICE ACTION RESPONSE

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed July 13, 2004, reconsideration and further examination of the application is hereby requested. Kindly consider the following:

CERTIFICATE OF TRANSMISSION

I hereby certify that I am causing the above-referenced correspondence to be facsimile transmitted to the US Patent and Trademark Office on the date shown below:

August 13, 2004

Date of Transmission

Krista Mathieson

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Krista Mathieson

Signature

Aug 13, 2004

Date

Docket No.: 42P12040D
Appl. No.: 10/670,025

1

Docket No.: 42P12040D

INTRODUCTORY COMMENTS

Request for an Extension of Time

This Office Action Response is submitted in response to the Office Action dated July 13, 2004 for which the shortened statutory period for response was set to expire on August 13, 2004. It is believed that no additional extension of time fee is required. In the event any extension of time fee is required, or any other fee related to this Response is required, please consider this a request therefore. Authorization is hereby given to charge Deposit Account No. 50-0221 for such fee or fees.

Authorization to Charge Deposit Account

Authorization is hereby given to charge Deposit Account No. 50-0221 for any fee or fees related to this Office Action Response.